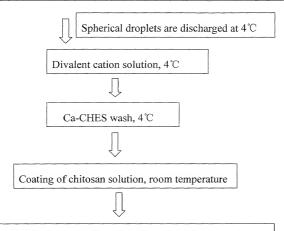
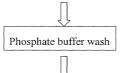
Mix a collagen solution with bioceramic powder and alginate



Liquefying and washing out alginate and chitosan, $37\,^{\circ}\!\mathrm{C}$



Microsphere composite is freeze-dried and preserved at -20 $^{\circ}\mathrm{C}$ or preserved in phosphate buffer saline at 4 $^{\circ}\mathrm{C}$

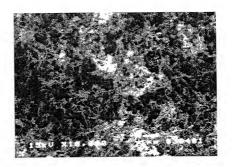


FIG. 2A



FIG. 2B

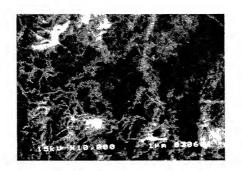


FIG. 2C

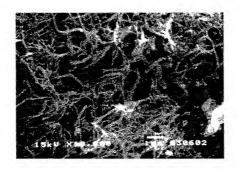


FIG. 2D



FIG. 3A

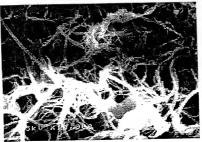


FIG. 3B

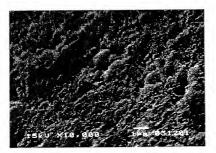


FIG. 3C

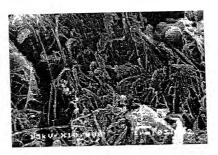


FIG. 3D